



Monoclonal Anti-human RAR β /NR1B2 Antibody

ORDERING INFORMATION

Catalog Number: 2ZH4338H

Clone: H4338

GenBank: Y00291

Ig Class: mouse IgG_{2A}

Volume: 100 μ L

Concentration: 1 mg/mL

Formulation: A liquid formulation in physiologic saline (contains 0.1% NaN₃)

Storage: \leq -20° C

Specificity: human RAR β

Applications: Western blot
Direct ELISA

Preparation

Produced in BALB/c mouse ascites inoculated with a hybridoma of spleen cells of a BALB/c mouse immunized with recombinant human RAR β (amino acids 2 - 79) and mouse myeloma cells (NS-1). The IgG fraction of ascites fluid was purified by ammonium sulfate fractionation.

Formulation

A liquid formulation in physiologic saline (contains 0.1% NaN₃).

Storage

This antibody is stable for greater than six months when held at -20° C to -70° C in a manual defrost freezer. Upon thawing, the antibody can be stored at 2° - 8° C for at least 1 month without detectable loss of activity.

Avoid repeated freeze-thaw cycles.

Specificity

This antibody specifically reacts with human RAR β and does not cross-react with human RAR α or RAR γ .

Applications

Western Blot - This antibody can be used at 1 μ g/mL with the appropriate secondary reagents to detect human RAR β .

Direct ELISA - This antibody can be used at 0.2 μ g/mL ($A_{450} = 0.2$) with the appropriate secondary reagents to detect human RAR β .

Optimal dilutions should be determined by each laboratory for each application.



Manufactured by:

Perseus Proteomics, Inc.
4-7-6, Komaba, Meguro-ku
Tokyo 153-0041 Japan
Tel: +81-3-5738-1705
Fax: +81-3-3481-5760
E-mail: info@ppmx.com
<http://www.ppmx.com>

Note: Sodium azide may react with lead and copper plumbing to form explosive metal azides. Flush with large amounts of water during disposal.

FOR RESEARCH USE ONLY. NOT FOR USE IN HUMANS.

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